

In the Claims

The status of claims in the case is as follows:

1 1. [Currently amended] A system for managing concurrent
2 scheduled or on-demand replication of subscriptions for
3 different user credentials within a workflow, enterprise and
4 mail-enabled web application server and platform,
5 comprising:

6 a database for storing user passwords;

7 a plurality of subscriptions, each identified by a
8 subscription user credential including password, user
9 name and authenticatable electronic certificate, said
10 subscription providing a logical grouping of data
11 defining a subset of data to be replicated, application
12 implementations, and application-instance security
13 context including roles that said application
14 implementation responds to differently and access
15 control and distribution rules for said subset of data;

16 a service manager for executing concurrent replication
17 of a plurality of said subscriptions on schedule or
18 demand in accordance with said distribution rules for

19 which a password corresponding to said subscription
20 credential for said subset of data has been provided by
21 a user or found in said database; and

22 said service manager replicating to a user browser an
23 offline subscription corresponding to one of said
24 plurality of subscriptions and containing client-side
25 runtime and framework for a fully functioning offline
26 server.

1 2. [Currently amended] A system for managing concurrent
2 replication of subscriptions within a workflow, enterprise
3 and mail-enabled web application server and platform,
4 comprising:

5 a plurality of web-enabled, offline subscriptions each
6 identified by user credentials including user
7 identifier and subscription password, said subscription
8 providing a logical grouping of data defining a subset
9 of data to be replicated, application implementations,
10 and application-instance security context;

11 a service manager for displaying to a user a plurality
12 of said subscriptions, for enabling user selection of

13 replication parameters for each said subscription, for
14 maintaining replication schedules for said
15 subscriptions, and for replicating to a user browser an
16 offline subscription corresponding to one of said
17 plurality of subscriptions and containing client-side
18 runtime and framework for a fully functioning offline
19 server; and

20 a utility responsive to user input for concurrently
21 replicating on schedule or demand in accordance with
22 said distribution rules a subscription corresponding to
23 one of said plurality of subscriptions and for which
24 said user has entered a user password matching said
25 subscription password.

1 3. [Original] The system of claim 2, said service manager
2 further displaying disk space usage for enabling user
3 limitation of usage or removal of said subscription.

1 4. [Original] The system of claim 2, wherein said
2 plurality of web enabled, offline subscriptions are from
3 multiple servers and from multiple user identities, and
4 selectively having separate database groupings and
5 synchronization rules and properties.

1 5. [Original] The system of claim 2, further comprising
2 a user password database for optionally storing said
3 user password for each of said plurality of
4 subscriptions; and

5 said utility being selectively responsive to a matching
6 user password in said password database for replicating
7 a corresponding subscription and responsive to no
8 matching user password in said password database for
9 prompting for user input of said user password before
10 replicating said corresponding subscription.

1 6. [Currently amended] A method for managing concurrent
2 replication of subscriptions within a workflow, enterprise
3 and mail-enabled web application server and platform,
4 comprising the steps of:

5 storing user passwords in a password database;

6 associating a subscription password with each of a
7 plurality of subscriptions, each said subscription
8 containing a logical grouping of data defining a subset

9 of data to be replicated, application implementations,
10 and application-instance security context for providing
11 a client-side runtime and framework for a fully
12 functioning offline server for offline operation of a
13 client browser;

14 executing concurrent replication of a plurality of said
15 subscriptions on schedule or demand in accordance with
16 said distribution rules for which a password
17 corresponding to said subscription password has been
18 provided by a user or found in said database.

1 7. [Currently amended] A program storage device readable
2 by a machine, tangibly embodying a program of instructions
3 executable by a machine to perform method steps for managing
4 concurrent replication of subscriptions within a workflow,
5 enterprise and mail-enabled web application server and
6 platform, said method steps comprising:

7 storing user passwords in a password database;

8 associating a subscription password with each of a
9 plurality of subscriptions, said subscription providing
10 a logical grouping of data defining a subset of data to

11 be replicated, application implementations, and
12 application-instance security context;

13 executing concurrent replication of a plurality of said
14 subscriptions on schedule or demand in accordance with
15 said distribution rules for which a password
16 corresponding to said subscription password has been
17 provided by a user or found in said database, each said
18 subscription containing client-side runtime and
19 framework for a fully functioning offline server for
20 offline operation of a client browser.

1 8. [Currently amended] A system for issuing user
2 identifiers for subscriptions in a workflow, enterprise and
3 mail-enabled application server and platform, comprising:

4 a database of security domains;

5 system electronic certificates for authenticating user
6 credentials;

7 each said subscription containing client-side runtime
8 and framework for a fully functioning offline server
9 for offline operation of a client browser by providing

10 a logical grouping of data defining a subset of data to
11 be replicated, application implementations, and
12 application-instance security context; and

13 a tool responsive to said database and said
14 certificates for distributing user identifiers
15 selectively based upon security domain through auto
16 generation, directory lookup or user prompt.

1 9. [Original] The system of claim 8, further comprising:

2 an identifier repository database;

3 a security domain document in said database of security
4 domains for use in locating in said identifier
5 repository database a user identifier selected for
6 distribution based upon directory lookup.

1 10. [Original] The system of claim 8, further comprising:

2 a security domain document from said database of
3 security domains for specifying an electronic
4 certificate for use in auto generating a user
5 identifier selected for distribution based upon auto

6 generation.

1 11. [Original] The system of claim 8, further comprising:

2 prompt code for execution in response to a need for a
3 user entered user identifier.

1 12. [Original] The system of claim 8, further comprising:

2 a security model for enabling the distribution of
3 previously deployed user identifiers by table lookup.

1 13. [Original] The system of claim 9, further comprising:

2 prompt code for execution in response to a need for a
3 user entered user identifier; and

4 a security model for enabling the distribution of
5 previously deployed user identifiers by table lookup.

1 14. [Currently amended] A method for issuing user
2 identifiers for subscriptions in a workflow, enterprise and
3 mail-enabled application server and platform, comprising the
4 steps of:

5 providing a database of security domains;
6 responsive to said database, distributing user
7 identifiers selectively based upon security domain
8 through auto generation, directory lookup or user
9 prompt; and

10 each said subscription providing a logical grouping of
11 data defining a subset of data to be replicated,
12 application implementations, and application-instance
13 security context containing client-side runtime and
14 framework for a fully functioning offline server for
15 offline operation of a client browser.

1 15. [Original] The method of claim 14, further comprising
2 the steps of:

3 providing an identifier repository database of user
4 identifiers;

5 locating a security domain document in said database of
6 security domains for accessing in said identifier
7 repository database a user identifier selected for
8 distribution based upon directory lookup.

1 16. [Original] The method of claim 14, further comprising
2 the step of:

3 locating a security domain document in said database of
4 security domains for specifying an electronic
5 certificate for use in auto generating a user
6 identifier selected for distribution based upon auto
7 generation.

1 17. [Original] The method of claim 14, further comprising
2 the step of:

3 executing user prompt code response to a need for a
4 user entered user identifier.

1 18. [Original] The method of claim 14, further comprising
2 the step of:

3 responsive to a security model, distributing previously
4 deployed user identifiers by table lookup.

1 19. [Original] The method of claim 14, further comprising
2 the steps of:

3 executing prompt code in response to a need for a user
4 entered user identifier; and

5 responsive to a security model, enabling the
6 distribution of previously deployed user identifiers by
7 table lookup.

1 20. [Currently amended] A program storage device readable
2 by a machine, tangibly embodying a program of instructions
3 executable by a machine to perform method steps for issuing
4 user identifiers for subscriptions in a workflow, enterprise
5 and mail-enabled application server and platform, said
6 method steps comprising:

7 providing a database of security domains; and

8 responsive to said database, distributing user
9 identifiers for subscription containing client-side
10 runtime and framework for a fully functioning offline
11 server for offline operation of a client browser
12 selectively based upon security domain through auto
13 generation, directory lookup or user prompt, said
14 subscription providing a logical grouping of data
15 defining a subset of data to be replicated, application

16 implementations, and application-instance security
17 context.

1 21. [Currently amended] A computer program product
2 configured to be operable for managing concurrent scheduled
3 or on-demand replication of subscriptions for different user
4 credentials within a workflow, enterprise and mail-enabled
5 web application server and platform, according to the steps
6 of:

7 storing user passwords in a password database;

8 associating a subscription password with each of a
9 plurality of subscriptions; each said subscription
10 containing a logical grouping of data defining a subset
11 of data to be replicated, application implementations,
12 and application-instance security context for providing
13 a client-side runtime and framework for a fully
14 functioning offline server for offline operation of a
15 client browser;

16 executing concurrent replication of a plurality of said
17 subscriptions on schedule or demand in accordance with
18 said distribution rules for which a password

19 corresponding to said subscription password has been
20 provided by a user or found in said database.

1 22. [Currently amended] A computer program product
2 configured to be operable for issuing user identifiers for
3 subscriptions in a workflow, enterprise and mail-enabled
4 application server and platform, according to the steps of:

5 providing a database of security domains;

6 each said subscription containing a logical grouping of
7 data defining a subset of said database to be
8 replicated, application implementations, and
9 application-instance security context for providing a
10 client-side runtime and framework for a fully
11 functioning offline server for offline operation of a
12 client browser; and

13 responsive to said database, distributing user
14 identifiers selectively based upon security domain
15 through auto generation, directory lookup or user
16 prompt.